

Lesson Plan

Name of the Assistant/ Associate Professor: Kiran Sharma

Class and Section : B.A. 6th sem

Subject: Linear algebra

Week	Date	Topics
1.	1-Jan-2018	Recapitulation of the basics done in last semester
	2-Jan-2018	Do
	3-Jan-2018	Introduction of vector spaces
	4-Jan-2018	Do
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	Properties of vector spaces
	7-Jan-2018	Sunday
2.	8-Jan-2018	Do
	9-Jan-2018	Subspace
	10-Jan-2018	Do
	11-Jan-2018	Sum and direct sum of subspace
	12-Jan-2018	Linear span
	13-Jan-2018	Class test
	14-Jan-2018	Sunday
3.	15-Jan-2018	Basics of vector spaces
	16-Jan-2018	Do
	17-Jan-2018	Do
	18-Jan-2018	Dimension of vector spaces
	19-Jan-2018	Do
	20-Jan-2018	Do
	21-Jan-2018	Sunday
4.	22-Jan-2018	Basant Panchami
	23-Jan-2018	Class test
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day
	27-Jan-2018	Introduction of a Quotient Space.
	28-Jan-2018	Sunday
6.	29-Jan-2018	Do
	30-Jan-2018	Class test
	31-Jan-2018	Ravidass jayanti
	1-Feb-2018	Dimension of Quotient spaces

	2-Feb-2018	Question and Queries
	3-Feb-2018	Class test
	4-Feb-2018	Sunday
7.	5-Feb-2018	Introduction of a Linear transformation
	6-Feb-2018	Do
	7-Feb-2018	Vector spaces isomorphism
	8-Feb-2018	Do
	9-Feb-2018	Problem of linear transformation
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday
8.	12-Feb-2018	Class test
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Rank and nullity
	15-Feb-2018	Queries
	16-Feb-2018	Class test
	17-Feb-2018	Algebra of linear transformation
	18-Feb-2018	Sunday
9.	19-Feb-2018	Do
	20-Feb-2018	Matrix of a linear transformation
	21-Feb-2018	Do
	22-Feb-2018	2nd Assignment
	23-Feb-2018	Problem of L.T
	24-Feb-2018	1st sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Do
	27-Feb-2018	Problems
	28-Feb-2018	Holiday
	1-Mar-2018	Guru Ravidash Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	Eigen values and eigen vector
	6-Mar-2018	Do
	7-Mar-2018	Do
	8-Mar-2018	Question and Queries
	9-Mar-2018	Definition test
	10-Mar-2018	Class test
	11-Mar-2018	Sunday
12.	12-Mar-2018	Inner product spaces
	13-Mar-2018	Inner product space properties
	14-Mar-2018	Norm of a vector
	15-Mar-2018	Cauchy Schwarz inequality
	16-Mar-2018	Triangler inequality
	17-Mar-2018	Examples

	18-Mar-2018	Sunday
13.	19-Mar-2018	Orthogonal vector
	20-Mar-2018	Theorems
	21-Mar-2018	2nd Sessional
	22-Mar-2018	Class test
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	Orthonormal set
	25-Mar-2018	Sunday
14.	26-Mar-2018	Queries
	27-Mar-2018	Bessel inequality
	28-Mar-2018	Based Theorems
	29-Mar-2018	Mahavir jyanti
	30-Mar-2018	Gram Schmidt orthogonalization process
	31-Mar-2018	Do
	1-Apr-2018	Sunday
	2-Apr-2018	Orthogonal Projection
	3-Apr-2018	Examples
	4-Apr-2018	Questions and Queries
	5-Apr-2018	Definition test
	6-Apr-2018	Do
	7-Apr-2018	Class test
	8-Apr-2018	Sunday
16.	9-Apr-2018	Linear operators on inner product space
	10-Apr-2018	Do
	11-Apr-2018	Do
	12-Apr-2018	Revision
	13-Apr-2018	Revision
	14-Apr-2018	Revision
	15-Apr-2018	Sunday
17.	16-Apr-2018	Revision
	17-Apr-2018	Revision
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Revision
	20-Apr-2018	Revision
	21-Apr-2018	Revision
	22-Apr-2018	Sunday
18.	23-Apr-2018	Revision
	24-Apr-2018	Revision
	25-Apr-2018	Revision
	26-Apr-2018	Revision

	27-Apr-2018	Revision
	28-Apr-2018	Revision

Lesson Plan

Name of the Assistant/ Associate Professor: KIRAN SHARMA

Class and Section : B.A. 4th sem

Subject: Sequence and series

Week	Date	Topics
1.	1-Jan-2018	Boundedness of the set of real numbers
	2-Jan-2018	Do
	3-Jan-2018	Nbd
	4-Jan-2018	Do
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	Open set closed sets
	7-Jan-2018	Sunday
2.	8-Jan-2018	Do
	9-Jan-2018	Question and Queries
	10-Jan-2018	Closure set
	11-Jan-2018	Properties of closure
	12-Jan-2018	Do
	13-Jan-2018	Class test
	14-Jan-2018	Sunday
3.	15-Jan-2018	Bolzano weiestrass theorem
	16-Jan-2018	Do
	17-Jan-2018	Class test
	18-Jan-2018	Open cover
	19-Jan-2018	Compact set
	20-Jan-2018	Do
	21-Jan-2018	Sunday
4.	22-Jan-2018	Basant Panchami
	23-Jan-2018	Real sequence convergences
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day
	27-Jan-2018	Do
	28-Jan-2018	Sunday
	29-Jan-2018	Class test

6.	30-Jan-2018	Doubts
	31-Jan-2018	Guru Ravidas Jyanti
	1-Feb-2018	Bounded and monotonic sequence
	2-Feb-2018	Cauchy sequence
	3-Feb-2018	Cauchy general principal convergence
	4-Feb-2018	Sunday
7.	5-Feb-2018	Do
	6-Feb-2018	Subsequence
	7-Feb-2018	Examples
	8-Feb-2018	Do
	9-Feb-2018	Discussion and Queries
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday
8.	12-Feb-2018	Class test
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Convergence and divergence of infinite series
	15-Feb-2018	Do
	16-Feb-2018	Comparison tests
	17-Feb-2018	Do
	18-Feb-2018	Sunday
9.	19-Feb-2018	Cauchy general principal of convergence
	20-Feb-2018	Do
	21-Feb-2018	Geometric series
	22-Feb-2018	2nd Assignment
	23-Feb-2018	p-series
	24-Feb-2018	1st Sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Discussion
	27-Feb-2018	D Ratio test
	28-Feb-2018	Holiday
	1-Mar-2018	Guru Ravidash Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	Raabe test
	6-Mar-2018	Logarithmic test
	7-Mar-2018	Demorgans test
	8-Mar-2018	Class test
	9-Mar-2018	Cauchy root test
	10-Mar-2018	Gauss test
	11-Mar-2018	Sunday
12.	12-Mar-2018	Do
	13-Mar-2018	Class test
	14-Mar-2018	Cauchy integral test

	15-Mar-2018	Cauchy condensation test
	16-Mar-2018	Discussion
	17-Mar-2018	Class test
	18-Mar-2018	Sunday
13.	19-Mar-2018	Alternating series
	20-Mar-2018	Examples
	21-Mar-2018	2nd Sessional
	22-Mar-2018	Discussion and Queries
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	Arbitrary series
	25-Mar-2018	Sunday
14.	26-Mar-2018	Do
	27-Mar-2018	Do
	28-Mar-2018	Abel lemma
	29-Mar-2018	Mahavir jayanti
	30-Mar-2018	Do
	31-Mar-2018	Do
	1-Apr-2018	Sunday
	2-Apr-2018	Dirichlet test
	3-Apr-2018	Cauchy theorem
	4-Apr-2018	Abels theorem
	5-Apr-2018	Do
	6-Apr-2018	Do
	7-Apr-2018	Class test
	8-Apr-2018	Sunday
16.	9-Apr-2018	Revision
	10-Apr-2018	Revision
	11-Apr-2018	Revision
	12-Apr-2018	Revision
	13-Apr-2018	Revision
	14-Apr-2018	Revision
	15-Apr-2018	Sunday
17.	16-Apr-2018	Revision
	17-Apr-2018	Revision
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Revision
	20-Apr-2018	Revision
	21-Apr-2018	Revision
	22-Apr-2018	Sunday
18.	23-Apr-2018	Revision

	24-Apr-2018	Revision
	25-Apr-2018	Revision
	26-Apr-2018	Revision
	27-Apr-2018	Revision
	28-Apr-2018	Revision

Lesson Plan

Name of the Assistant/ Associate Professor: KIRAN SHARMA

Class and Section : B.A. 1st

Subject: VECTOR CALCULUS(BM 123)

Week	Date	Topics
1.	1-Jan-2018	Review chapter
	2-Jan-2018	Scalar and vector product of three vectors
	3-Jan-2018	Product of four vectors
	4-Jan-2018	Reciprocal vectors
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	Class test
	7-Jan-2018	Sunday
2.	8-Jan-2018	Vector differentiation
	9-Jan-2018	Scalar valued point function
	10-Jan-2018	Question and Quesries
	11-Jan-2018	Class test
	12-Jan-2018	Vector valued point functions
	13-Jan-2018	Derivation along a curve
	14-Jan-2018	Sunday
3.	15-Jan-2018	Discussion
	16-Jan-2018	Directional derivatives
	17-Jan-2018	Class test
	18-Jan-2018	Gradient of a scalar point function
	19-Jan-2018	Gradient topic
	20-Jan-2018	Character of gradient as a point function
	21-Jan-2018	Sunday
4.	22-Jan-2018	Basant Panchami
	23-Jan-2018	Class test
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day

	27-Jan-2018	Divergence of a vector point function
	28-Jan-2018	Sunday
6.	29-Jan-2018	Question and Queries
	30-Jan-2018	Class test
	31-Jan-2018	Ravidass jyanti
	1-Feb-2018	Curl topic
	2-Feb-2018	Examples
	3-Feb-2018	Do
	4-Feb-2018	Sunday
7.	5-Feb-2018	Do
	6-Feb-2018	Questions and Queries
	7-Feb-2018	Class test
	8-Feb-2018	Gradient of sum and products
	9-Feb-2018	Divergence of sum and products
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday
8.	12-Feb-2018	Class test
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Related vector identities
	15-Feb-2018	Do
	16-Feb-2018	Do
	17-Feb-2018	Question and Queries
	18-Feb-2018	Sunday
9.	19-Feb-2018	Class test
	20-Feb-2018	Laplacian operator
	21-Feb-2018	Do
	22-Feb-2018	2nd Assignment
	23-Feb-2018	Revision
	24-Feb-2018	1st Sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Orthogonal curvilinear co-ordinates
	27-Feb-2018	Conditions for orthogonality
	28-Feb-2018	Holiday
	1-Mar-2018	Guru Ravidash Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	Class test
	6-Mar-2018	Fundamental triad of mutually orthogonal unit vector
	7-Mar-2018	Questions and Queries
	8-Mar-2018	Gradient in term of Orthogonal curvilinear co-ordinates
	9-Mar-2018	Do
	10-Mar-2018	Class test

	11-Mar-2018	Sunday
12.	12-Mar-2018	Divergence in term of Orthogonal curvilinear co-ordinates
	13-Mar-2018	Do
	14-Mar-2018	Class test
	15-Mar-2018	Curl in term of Orthogonal curvilinear co-ordinates
	16-Mar-2018	Do
	17-Mar-2018	Class test
	18-Mar-2018	Sunday
13.	19-Mar-2018	Laplacian in term of Orthogonal curvilinear co-ordinates
	20-Mar-2018	Revision
	21-Mar-2018	2nd Sessional
	22-Mar-2018	Question and Queries
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	Cylindrical co-ordinates
	25-Mar-2018	Sunday
14.	26-Mar-2018	Spherical co-ordinates
	27-Mar-2018	Do
	28-Mar-2018	Question and Queries
	29-Mar-2018	Mahavir jayanti
	30-Mar-2018	Vector integration
	31-Mar-2018	Do
		1-Apr-2018
	2-Apr-2018	Class test
	3-Apr-2018	Line integral
	4-Apr-2018	Do
	5-Apr-2018	Surface integral
	6-Apr-2018	Volume integral
	7-Apr-2018	Question and Queries
	8-Apr-2018	Sunday
16.	9-Apr-2018	Class test
	10-Apr-2018	Gauss theorem
	11-Apr-2018	Green theorem
	12-Apr-2018	Stokes theorem
	13-Apr-2018	Problems
	14-Apr-2018	Revision
	15-Apr-2018	Sunday
17.	16-Apr-2018	Revision
	17-Apr-2018	Revision
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Revision

	20-Apr-2018	Revision
	21-Apr-2018	Revision
	22-Apr-2018	Sunday
18.	23-Apr-2018	Revision
	24-Apr-2018	Revision
	25-Apr-2018	Revision
	26-Apr-2018	Revision
	27-Apr-2018	Revision
	28-Apr-2018	Revision

Lesson Plan

Name of the Assistant/ Associate Professor: KIRAN SHARMA

Class and Section : B.B.A 2nd SEM

Subject: BUSINESS MATHEMATICS

Week	Date	Topics
1.	1-Jan-2018	Cartesian system of rectangular co-ordinates
	2-Jan-2018	Section formula
	3-Jan-2018	Do
	4-Jan-2018	Problems
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	Class test
	7-Jan-2018	Sunday
2.	8-Jan-2018	Straight line
	9-Jan-2018	Do
	10-Jan-2018	Do
	11-Jan-2018	Problems
	12-Jan-2018	Class test
	13-Jan-2018	Arithmetic progression
	14-Jan-2018	Sunday
3.	15-Jan-2018	Do
	16-Jan-2018	Do
	17-Jan-2018	Do
	18-Jan-2018	Questions and Queries
	19-Jan-2018	Do
	20-Jan-2018	Revision
	21-Jan-2018	Sunday
4.	22-Jan-2018	Basant Panchami

	23-Jan-2018	Class test
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day
	27-Jan-2018	Geometrical progression
	28-Jan-2018	Sunday
6.	29-Jan-2018	Do
	30-Jan-2018	Do
	31-Jan-2018	Ravi Das jayanti
	1-Feb-2018	Do
	2-Feb-2018	Do
	3-Feb-2018	Revision
	4-Feb-2018	Sunday
7.	5-Feb-2018	Class test
	6-Feb-2018	Harmonic progression
	7-Feb-2018	Do
	8-Feb-2018	Do
	9-Feb-2018	Do
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday
8.	12-Feb-2018	Review
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Class test
	15-Feb-2018	Indefinite integration
	16-Feb-2018	Do
	17-Feb-2018	Do
	18-Feb-2018	Sunday
9.	19-Feb-2018	Do
	20-Feb-2018	Do
	21-Feb-2018	Question and Queries
	22-Feb-2018	2nd Assignment
	23-Feb-2018	Review
	24-Feb-2018	1st Sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Definite integration
	27-Feb-2018	Do
	28-Feb-2018	Holiday
	1-Mar-2018	GuruRavidash Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	Do
	6-Mar-2018	Do

	7-Mar-2018	Do
	8-Mar-2018	Do
	9-Mar-2018	Do
	10-Mar-2018	Review
	11-Mar-2018	Sunday
12.	12-Mar-2018	Class test
	13-Mar-2018	Application of integration in business and commerce
	14-Mar-2018	Do
	15-Mar-2018	Do
	16-Mar-2018	Review
	17-Mar-2018	Class test
	18-Mar-2018	Sunday
13.	19-Mar-2018	Review
	20-Mar-2018	Do
	21-Mar-2018	2nd Sessional
	22-Mar-2018	Logarithms
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	Do
	25-Mar-2018	Sunday
14.	26-Mar-2018	Do
	27-Mar-2018	Review
	28-Mar-2018	Class test
	29-Mar-2018	Mahavir jayanti
	30-Mar-2018	Compound interest
	31-Mar-2018	Do
	1-Apr-2018	Sunday
	2-Apr-2018	Do
	3-Apr-2018	Class test
	4-Apr-2018	Problems on integration
	5-Apr-2018	Do
	6-Apr-2018	Do
	7-Apr-2018	Problems on A.P.
	8-Apr-2018	Sunday
16.	9-Apr-2018	Problems on G.P.
	10-Apr-2018	Peoblems on G.P.
	11-Apr-2018	Problems on H.P.
	12-Apr-2018	Class test
	13-Apr-2018	Questions and queries
	14-Apr-2018	Review
	15-Apr-2018	Sunday
17.	16-Apr-2018	Review

	17-Apr-2018	Review
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Review
	20-Apr-2018	Review
	21-Apr-2018	Review
	22-Apr-2018	Sunday ss
Review 18.	23-Apr-2018	Review
	24-Apr-2018	Review
	25-Apr-2018	Review
	26-Apr-2018	Review
	27-Apr-2018	Review
	28-Apr-2018	Review

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.COM 2nd SEM**
Subject Lesson Plan : **Business mathematics**
Month : **January 2018**

Date	Topics
01-01-2018	Introduction to symbols of factorial
02-01-2018	Introduction to permutation
03-01-2018	Examples
04-01-2018	do

05-01-2018	Guru govind singh birthday
06-01-2018	do
07-01-2018	SUNDAY
08-01-2018	do
09-01-2018	do
10-01-2018	Combination
11-01-2018	examples
12-01-2018	Do
13-01-2018	Do
14-01-2018	SUNDAY
15-01-2018	Do
16-01-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : Geetika Gaba
Class and Section : B.COM 2nd SEM
Subject Lesson Plan : Business mathemetcs
Month : January 2018

Date	Particulars
17-01-2018	Relation between permutation and combination
18-01-2018	Examples
19-01-2018	Do
20-01-2018	Do
21-01-2018	Sunday
22-01-2018	Vasant panchami
23-01-2018	Assignment 1 st on above topic
24-01-2018	Sir chhotu ram jayanti
25-01-2018	Introduction of binomial theorem
26-01-2018	Republic day
27-01-2018	Examples
28-01-2018	Sunday
29-01-2018	Do
30-01-2018	Do
31-01-2018	Guru ravidas jayanti

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.COM 2nd SEM & B**
Subject Lesson Plan : **Business mathematics**
Month : **February 2018**

Date	Topics
01-02-2018	Do
02-02-2018	Do
03-02-2018	Do
04-02-2018	Sunday
05-02-2018	Do
06-02-2018	Do
07-02-2018	
08-02-2018	Problem based on shapter 2nd
09-02-2018	Linear inequalities
10-02-2018	Example
11-02-2018	Maharshi dayanand saraswati jayanti
12-02-2018	Sunday
13-02-2018	Examples
14-02-2018	Maha shivratri
15-02-2018	Do
16-02-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.COM 2nd SEM**
Subject Lesson Plan : **Business mathematics**
Month : **February 2018**

Date	Particulars
17-02-2018	Do
18-02-2018	sunday
19-02-2018	Do
20-02-2018	Do
21-02-2018	Problem based on chapter 3 rd
22-02-2018	Introduction to linear programming
23-02-2018	Examples and assignment 2 nd
24-02-2018	Formuction of equation
25-02-2018	Sunday
26-02-2018	Test of chapter 2nd
27-02-2018	Graphical method
28-02-2018	Kuk holidays

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.COM 2nd SEM**
Subject Lesson Plan : **Business mathematics**
Month : **March 2018**

Date	Topics
01-03-2018	Kuk holidays\GURU RAVIDAS BIRTHDAY
02-03-2018	kuk Holidays /holi
03-03-2018	VACATION
04-03-2018	SUNDAY
05-03-2018	Test of chapter 3 rd
06-03-2018	Hounded and unhounded solution
07-03-2018	Do
08-03-2018	Do
09-03-2018	Do
10-03-2018	Do
11-03-2018	Sunday
12-03-2018	Data introduction
13-03-2018	Do
14-03-2018	Do
15-03-2018	Do
16-03-2018	Classification

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.COM 2nd SEM**
Subject Lesson Plan : **Business mathematics**
Month : **March 2018**

Date	Particulars
17-03-2018	Do
18-03-2018	sunday
19-03-2018	Do
20-03-2018	do
21-03-2018	Do
22-03-2018	Do
23-03-2018	Shahidi diwas
24-03-2018	Diagrammatic representation of data
25-03-2018	Sunday
26-03-2018	Sessional test to chapter 4
27-03-2018	Do
28-03-2018	Do
29-03-2018	Mahavir jayanti
30-03-2018	Do
31-03-2018	do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.COM 2nd SEM & B**
Subject Lesson Plan : **Business mathematics**
Month : **April 2018**

Date	Topics
01-04-2018	SUNDAY
02-04-2018	Graphical representation of data
03-04-2018	Do
04-04-2018	Do
05-04-2018	Do
06-04-2018	Do
07-04-2018	Data interpretation
08-04-2018	Sunday
09-04-2018	Graph of frequency , histogram
10-04-2018	Ogives
11-04-2018	Frequency curve
12-04-2018	Limitation of diagram and graph
13-04-2018	Do
14-04-2018	Dr. ambedkar jayanti/ vaisakhi
15-04-2018	Sunday
16-04-2018	Revision

17-04-2018 | Do

18-04-2018	Parshuram jayanti
19-04-2018	Revision
20-04-2018	Do
21-04-2018	Do
22-04-2018	Do
23-04-2018	Do
	Do
24-04-2018	Do
	Do
25-04-2018	Do
	Do
26-04-2018	Do
	Do
27-04-2018	Do
	Do
28-04-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA II Sem**
Subject Lesson Plan : **Number Theory & Trigonometry**
Month : **January 2018**

Date	Topics
01-01-2018	Introduction to trigonometry
02-01-2018	DEmoiver's theorem
03-01-2018	Example of 7.1
04-01-2018	Example opf 7.2
05-01-2018	Gurugobind jayanti

06-01-2018	Example of 7.3
07-01-2018	SUNDAY
08-01-2018	Example of 7.4
09-01-2018	Problem of 7.1, 7.2, 7.3 , 7.4
10-01-2018	Example of 7.5
11-01-2018	Example of 7.6
12-01-2018	Problem of 7.5 & 7.6
13-01-2018	Class test of 7.1 & 7.2
14-01-2018	SUNDAY
15-01-2018	Class test of 7.3 & 7.4
16-01-2018	Complex variable

LESSON PLAN

Name of the Assistant/ Associate Professor : Geetika Gaba
Class and Section : BA II Sem
Subject Lesson Plan : Number Theory & Trigonometry
Month : January 2018

Date	Particulars
17-01-2018	Example of 8.1
18-01-2018	Example of 8.2
19-01-2018	Hyperboilic function
20-01-2018	Example of 9.1 & 9.2
21-01-2018	Sunday
22-01-2018	Basant panhmi
23-01-2018	Assignment 1 on above topic
24-01-2018	Sir choturam jayanti
25-01-2018	Logarithm of complex quantity
26-01-2018	Republic day
27-01-2018	Test of 7.5 & 7.6
28-01-2018	Sunday
29-01-2018	Test of 8.1 & 8.2
30-01-2018	Example of 10.2
31-01-2018	Guru ravidas jayanti

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA II Sem**
Subject Lesson Plan : **Number Theory & Trigonometry**
Month : **February 2018**

Date	Topics
01-02-2018	Inverse circular inverse hyperbolic function
02-02-2018	Example of 11.2
03-02-2018	Example of 11.3
04-02-2018	Sunday
05-02-2018	Example of 11.4
06-02-2018	Introduction of sin & cosin series
07-02-2018	Summation of series
08-02-2018	Test of 9.1 & 9.2
09-02-2018	Example of 12.1
10-02-2018	Maharshi dayanand saraswati jayanti
11-02-2018	Sunday
12-02-2018	Example of 12.2
13-02-2018	Mahashivratri
14-02-2018	Test of ch-10.1 & 10.2
15-02-2018	Example of 12.3
16-02-2018	Example of 12.4

LESSON PLAN

Name of the Assistant/ Associate Professor : Geetika Gaba
Class and Section : BA II Sem
Subject Lesson Plan : Number Theory & Trigonometry
Month : February 2018

Date	Particulars
17-02-2018	Example of 12.5
18-02-2018	sunday
19-02-2018	Example of 12.6
20-02-2018	Problem based of 12.1 to 12.3
21-02-2018	Problem based on 12.4 to 12.6
22-02-2018	Test of 11 ch.
23-02-2018	Assignment -2 on above topic
24-02-2018	Revision of ch-7
25-02-2018	sunday
26-02-2018	Rev of ch-8
27-02-2018	Sessional test -1
28-02-2018	Kuk holidays

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA II Sem**
Number Theory &
Subject Lesson Plan : **Trigonometry**
Month : **March 2018**

Date	Topics
01-03-2018	GURU RAVIDAS BIRTHDAY
02-03-2018	HOLI
03-03-2018	VACATION
04-03-2018	SUNDAY
05-03-2018	Test of ch-7 & 8
06-03-2018	Principal of mathematical inductions
07-03-2018	Divisibility & based theorm
08-03-2018	Example of 1.1
09-03-2018	Division algorithm
10-03-2018	Examples
11-03-2018	Sunday
12-03-2018	Some definitions
13-03-2018	Euclid theorm 1 & 2
14-03-2018	Fundamental theorm & example
15-03-2018	Congruence
16-03-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA II Sem**
Subject Lesson Plan : **Number Theory & Trigonometry**
Month : **March 2018**

Date	Particulars
17-03-2018	Do
18-03-2018	Sunday
19-03-2018	Do
20-03-2018	Do
21-03-2018	Sessional test -2 of ch-1
22-03-2018	Fermat , wison theorm
23-03-2018	Shaheedi diwas
24-03-2018	example
25-03-2018	Ramnavami Sunday
26-03-2018	Chinese remainder theorem
27-03-2018	example
28-03-2018	Euler function and residue system
29-03-2018	Mahavir jayanti
30-03-2018	Example 4.1 & 4.2
31-03-2018	Some functions of number theory

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA II Sem**
Subject Lesson Plan : **Number Theory & Trigonometry**
Month : **April 2018**

Date	Topics
01-04-2018	SUNDAY
02-04-2018	Example of 5.1
03-04-2018	Example of 5.2
04-04-2018	Example of 5.3
05-04-2018	Quadratic residue and law
06-04-2018	Example of 6.1
07-04-2018	Example of 6.2
08-04-2018	Sunday
09-04-2018	Example of 6.3
10-04-2018	Revision of 1.1 & 1.2
11-04-2018	Revision of 1.3
12-04-2018	Revision of 1 ch
13-04-2018	Revision of 2 ch
14-04-2018	Dr Ambedkar jayanti / Vaisakhi
15-04-2018	Sunday
16-04-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA II Sem**
Subject Lesson Plan : **Number Theory & Trigonometry**
Month : **April 2018**

Date	Particulars
17-04-2018	Do
18-04-2018	Parashurama jayanti
19-04-2018	Do
20-04-2018	Do
21-04-2018	Do
22-04-2018	Sunday
23-04-2018	Do
24-04-2018	Do
25-04-2018	Do Do
26-04-2018	Do Do
27-04-2018	Do Do
28-04-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.A IV Sem**
Subject Lesson Plan : **Programmimg in C & Numerical Methods**
Month : **January 2018**

Date	Topics
01-01-2018	Programme model of computer
02-01-2018	Do
03-01-2018	Do
04-01-2018	Algorithms & flow charts & data types
05-01-2018	Guru Gobind Singh Jayanti
06-01-2018	do
07-01-2018	SUNDAY
08-01-2018	do
09-01-2018	Operater & expressions
10-01-2018	do
11-01-2018	do
12-01-2018	Input/ out funtion
13-01-2018	Do
14-01-2018	SUNDAY
15-01-2018	Revise above syllabus
16-01-2018	Decision control structure

LESSON PLAN

Name of the Assistant/ Associate Professor : Geetika Gaba
Class and Section : B.A IV Sem
Programming in C & Numerical
Subject Lesson Plan : Methods
Month : January 2018

Date	Particulars
17-01-2018	Decision statement and logical and conditional statements
18-01-2018	Implementation of loop do , while
19-01-2018	Do
20-01-2018	Do
21-01-2018	sunday
22-01-2018	Basant panchmi
23-01-2018	Do
24-01-2018	Sir choturam jayanti
25-01-2018	Swich statement & case control
26-01-2018	Republ ic Day
27-01-2018	Do
28-01-2018	do
29-01-2018	Assignment 1 of above syllabus
30-01-2018	Function array
31-01-2018	Gururavi das jayanti

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.A IV Sem**
Subject Lesson Plan : **Programming in C &**
Month : **Numerical Methods**
February 2018

Date	Topics
01-02-2018	Do
02-02-2018	Do
03-02-2018	Do
04-02-2018	Sunday
05-02-2018	String basics
06-02-2018	Charact er data type
07-02-2018	Standar d string handlin g functio ns
08-02-2018	Do
09-02-2018	Do
10-02-2018	Mahavir dayanand saraswati jayanti
11-02-2018	Sunday
12-02-2018	Pointer
13-02-2018	Mahashiv ratri
14-02-2018	Do

15-02-2018	Do
16-02-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : Geetika Gaba
Class and Section : B.A IV Sem
Subject Lesson Plan : Programming in C & Numerical
Month : February 2018

Date	Particulars
17-02-2018	Do
18-02-2018	Sunday
19-02-2018	Revise above syllabus
20-02-2018	Do
21-02-2018	Do
22-02-2018	Sessional test -1 of ch-1,2,3
23-02-2018	Group discussion
24-02-2018	Problems
25-02-2018	Sunday
26-02-2018	Assignment 2 of above topic
27-02-2018	Solution of algebraic equation
28-02-2018	Kuk holidays

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.A IV Sem**
Subject Lesson Plan : **Programming in C &**
Month : **Numerical Methods**
March 2018

Date	Topics
01-03-2018	GURU RAVIDAS BIRTHDAY
02-03-2018	HOLI
03-03-2018	VACATION
04-03-2018	SUNDAY
05-03-2018	Bisection method
06-03-2018	Example
07-03-2018	do
08-03-2018	Practical
09-03-2018	Reguala falsi
10-03-2018	Example
11-03-2018	Sunday
12-03-2018	Practical
13-03-2018	Secant method
14-03-2018	Example
15-03-2018	Practical
16-03-2018	Newton Raphson's method

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.A IV Sem**
Subject Lesson Plan : **Programming in C &**
Month : **Numerical Methods**
March 2018

Date	Particulars
17-03-2018	Example
18-03-2018	Sunday
19-03-2018	Do
20-03-2018	Do
21-03-2018	Practical
22-03-2018	Revision
23-03-2018	Shaheedi diwas
24-03-2018	Sessional test- 2
25-03-2018	Sunday/ramnavmi
26-03-2018	Newton Iterative method
27-03-2018	Example
28-03-2018	Practical
29-03-2018	Mahavir jayanti
30-03-2018	P^{th} root of function
31-03-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.A IV Sem**
Subject Lesson Plan : **Programming in C &**
Month : **Numerical Methods**
Month : **April 2018**

Date	Topics
01-04-2018	SUNDAY
02-04-2018	Example
03-04-2018	Order of cgs of newton raphson
04-04-2018	Comparision table of methods
05-04-2018	Example
06-04-2018	Guass elimination method guass Jordan
07-04-2018	Example
08-04-2018	Sunday
09-04-2018	Triangular ization method & example
10-04-2018	Crout's method , jacobimethods
11-04-2018	Cholesky methods guass seidal method
12-04-2018	Decomposition method
13-04-2018	Relaxation method
14-04-2018	Dr ambedkar jayanti/ baisakhi
15-04-2018	Sunday
16-04-2018	Revision and practical

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LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.A IV Sem**
Subject Lesson Plan : **Programming in C &**
Month : **Numerical Methods**
April 2018

Date	Particulars
17-04-2018	Do
18-04-2018	Parashuram jayanti
19-04-2018	do
20-04-2018	do
21-04-2018	do
22-04-2018	Sunday
23-04-2018	do
24-04-2018	do
25-04-2018	do do
26-04-2018	do do
27-04-2018	do do
28-04-2018	do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **B.A IV Sem**
Subject Lesson Plan : **Programmng in C &**
Month : **Numerical Methods**
January 2018

Date	Topics
01-01-2018	Basic statics
02-01-2018	Frequency distribution table
03-01-2018	Mesure of central tendency
04-01-2018	types
05-01-2018	Gurugobind singh jayanti
06-01-2018	Do
07-01-2018	SUNDAY
08-01-2018	Do
09-01-2018	Arithmetica I mean
10-01-2018	Do
11-01-2018	Geometric mean
12-01-2018	Do
13-01-2018	Harmonic mean
14-01-2018	SUNDAY
15-01-2018	Do
16-01-2018	Median definition, example

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LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BCA IV Sem**
Subject Lesson Plan : **Computer oriented & statical methods**
Month : **January 2018**

Date	Particulars
17-01-2018	Do
18-01-2018	Do
19-01-2018	Mode definitions & example
20-01-2018	Do
21-01-2018	Sunday
22-01-2018	Basant panchmi
23-01-2018	Do
24-01-2018	Sir choturam jayanti
25-01-2018	Mesure of dispersion
26-01-2018	Republic day
27-01-2018	Do
28-01-2018	Saunday
29-01-2018	Assignment-1
30-01-2018	Range mean deviation coeff. Of mean
31-01-2018	Guru ravidas jayanti

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BCA IV Sem**
Subject Lesson Plan : **Computer oriented & statical methods**
Month : **February 2018**

Date	Topics
01-02-2018	Do
02-02-2018	Do
03-02-2018	Movement
04-02-2018	Sunday
05-02-2018	Do
06-02-2018	Do
07-02-2018	Do
08-02-2018	Probability distribution
09-02-2018	Do
10-02-2018	Maharishi dayanand saraswati jayanti
11-02-2018	Sunday
12-02-2018	Do
13-02-2018	Mahashivratri
14-02-2018	Do
15-02-2018	Do
16-02-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BCA IV Sem**
Subject Lesson Plan : **Computer oriented & statical methods**
Month : **February 2018**

Date	Particulars
17-02-2018	Do
18-02-2018	Sunday
19-02-2018	Do
20-02-2018	Correlation
21-02-2018	Do
22-02-2018	Do
23-02-2018	Do
24-02-2018	Do & assignment-2 of syllabus
25-02-2018	Sunday
26-02-2018	Sessional test-1
27-02-2018	Regression
28-02-2018	Kuk holidays

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BCA IV Sem**
Subject Lesson Plan : **Computer oriented & statical methods**
Month : **March 2018**

Date	Topics
01-03-2018	GURU RAVIDAS BIRTHDAY
02-03-2018	HOLI
03-03-2018	VACATION
04-03-2018	SUNDAY
05-03-2018	Do
06-03-2018	Do
07-03-2018	Do
08-03-2018	Do
09-03-2018	Curve fitting
10-03-2018	Do
11-03-2018	Sunday
12-03-2018	Do
13-03-2018	Do
14-03-2018	Baye's theorm
15-03-2018	Do
16-03-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BCA IV Sem**
Subject Lesson Plan : **Computer oriented & statical methods**
Month : **March 2018**

Date	Particulars
17-03-2018	Do
18-03-2018	Sunday
19-03-2018	Do
20-03-2018	Chi-square method
21-03-2018	Do
22-03-2018	Do
23-03-2018	Shaheedi diwas
24-03-2018	Do
25-03-2018	Sunday
26-03-2018	Sessional test-2
27-03-2018	Anova introduction
28-03-2018	Do
29-03-2018	Mahavir jayanti
30-03-2018	Do
31-03-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BCA IV Sem**
Subject Lesson Plan : **Computer oriented & statical methods**
Month : **April 2018**

Date	Topics
01-04-2018	SUNDAY
02-04-2018	Do
03-04-2018	Do
04-04-2018	Revise ch-11
05-04-2018	Test ch-11
06-04-2018	Revise ch-1
07-04-2018	Do
08-04-2018	Sunday
09-04-2018	Test
10-04-2018	Revise ch-2
11-04-2018	Do
12-04-2018	Test
13-04-2018	Revise
14-04-2018	Dr. Ambedkar Jayanti
15-04-2018	Sunday
16-04-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BCA IV Sem**
Subject Lesson Plan : **Computer oriented & statical methods**
Month : **April 2018**

Date	Particulars
17-04-2018	Test
18-04-2018	Parashuram Jayanti
19-04-2018	Do
20-04-2018	Do
21-04-2018	Do
22-04-2018	sunday
23-04-2018	Do
24-04-2018	Do
25-04-2018	Do
26-04-2018	Do
27-04-2018	Do
28-04-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA VI Sem**
Subject Lesson Plan : **Mathematics Real & Complex**
Month : **Analysis**
Month : **January 2018**

Date	Topics
01-01-2018	Jacobians
02-01-2018	Example of 1.1
03-01-2018	Example of 1.2
04-01-2018	Revise ch
05-01-2018	GuruGobind Singh Birthday
06-01-2018	Beta Function
07-01-2018	SUNDAY
08-01-2018	Example on Beta Function
09-01-2018	Gamma Function
10-01-2018	Example on Gama function
11-01-2018	Relation between beta & gamma function
12-01-2018	Duplication formula
13-01-2018	Revise ch-2
14-01-2018	SUNDAY
15-01-2018	Double and triple integral
16-01-2018	Do

LESSON PLAN

Name of the Assistant/ Associate Professor : Geetika Gaba
Class and Section : BA VI Sem
Mathematics Real & Complex
Subject Lesson Plan : Analysis
Month : January 2018

Date	Particulars
17-01-2018	Do
18-01-2018	Do
19-01-2018	Do
20-01-2018	Do
21-01-2018	Sunday
22-01-2018	Basant panchmi
23-01-2018	Problem
24-01-2018	Sir choturam jayanti
25-01-2018	Fourier series
26-01-2018	Republic day
27-01-2018	Do
28-01-2018	Sunday
29-01-2018	Do
30-01-2018	Assignment-1
31-01-2018	Gururavi Das Jayanti

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA VI Sem**
Mathematics Real & Complex
Subject Lesson Plan : **Analysis**
Month : **February 2018**

Date	Topics
01-02-2018	Do
02-02-2018	Do
03-02-2018	Do
04-02-2018	Sunday
05-02-2018	Complex function
06-02-2018	Necessary and sufficient condition
07-02-2018	Analytic function
08-02-2018	C-R equation
09-02-2018	Orthogonal system
10-02-2018	Maharishi dayanand saraswati jayanti
11-02-2018	Sunday
12-02-2018	Do
13-02-2018	Mahashivratri
14-02-2018	Problems
15-02-2018	Milnethomson method
16-02-2018	Example

LESSON PLAN

Name of the Assistant/ Associate Professor : Geetika Gaba
Class and Section : BA VI Sem
Mathematics Real & Complex
Subject Lesson Plan : Analysis
Month : February 2018

Date	Particulars
17-02-2018	Revision of ch-5
18-02-2018	Sunday
19-02-2018	Elementary function and mobius function
20-02-2018	Definition
21-02-2018	Translation & rotation
22-02-2018	Examples
23-02-2018	Assignment-2
24-02-2018	Sessional test-1
25-02-2018	Sunday
26-02-2018	Conformal mapping theorem
27-02-2018	Critical point
28-02-2018	Kuk holiday

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA VI Sem**
Mathematics Real & Complex
Subject Lesson Plan : **Analysis**
Month : **March 2018**

Date	Topics
01-03-2018	GURU RAVIDAS BIRTHDAY
02-03-2018	HOLI
03-03-2018	VACATION
04-03-2018	SUNDAY
05-03-2018	Nature of mobius function
06-03-2018	Revise 6.2
07-03-2018	Class test of ch-1,2
08-03-2018	Class test of ch-3
09-03-2018	Critical maping
10-03-2018	Transformation
11-03-2018	Sunday
12-03-2018	Example of 7.1
13-03-2018	Do
14-03-2018	Do
15-03-2018	Do
16-03-2018	Revision

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA VI Sem**
Mathematics Real & Complex
Subject Lesson Plan : **Analysis**
Month : **March 2018**

Date	Particulars
17-03-2018	Do
18-03-2018	Sunday
19-03-2018	Do
20-03-2018	Revise ch-4
21-03-2018	Do
22-03-2018	Do
23-03-2018	Shaheedi diwas
24-03-2018	Do
25-03-2018	Sunday
26-03-2018	Do
27-03-2018	Revise ch-4 ex-4.2
28-03-2018	Do
29-03-2018	Mahavir jayanti
30-03-2018	Revision of full ch-4
31-03-2018	Sessional test 2

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA VI Sem**
Mathematics Real & Complex
Subject Lesson Plan : **Analysis**
Month : **April 2018**

Date	Topics
01-04-2018	SUNDAY
02-04-2018	Revision of 5 ch
03-04-2018	Do
04-04-2018	Do
05-04-2018	Do
06-04-2018	Do
07-04-2018	Do
08-04-2018	Sunday
09-04-2018	Test of ch-5
10-04-2018	Revise ch-6
11-04-2018	Do
12-04-2018	Do
13-04-2018	Do
14-04-2018	Dr. Ambedkar Jayanti
15-04-2018	Sunday
16-04-2018	Test of ch-6

LESSON PLAN

Name of the Assistant/ Associate Professor : **Geetika Gaba**
Class and Section : **BA VI Sem**
Mathematics Real & Complex
Subject Lesson Plan : **Analysis**
Month : **April 2018**

Date	Particulars
17-04-2018	Revision
18-04-2018	Parashuram Jayanti
19-04-2018	Do
20-04-2018	Do
21-04-2018	Do
22-04-2018	Sunday
23-04-2018	Do
24-04-2018	Do
25-04-2018	Do
26-04-2018	Do
27-04-2018	Do
28-04-2018	Do

Lesson Plan

Name of the Assistant/ Associate Professor: Ankita

Class and Section : B.C.A. 2nd sem

Subject: Elements of mathematical foundations

Week	Date	Topics
1.	1-Jan-2018	Preliminaries
	2-Jan-2018	do
	3-Jan-2018	do
	4-Jan-2018	Logical statement and truth table
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	do
	7-Jan-2018	Sunday
2.	8-Jan-2018	do
	9-Jan-2018	do
	10-Jan-2018	do
	11-Jan-2018	do
	12-Jan-2018	Problems and discussion
	13-Jan-2018	Principle of mathematical induction
	14-Jan-2018	Sunday
3.	15-Jan-2018	do
	16-Jan-2018	do
	17-Jan-2018	do
	18-Jan-2018	Problems and discussion
	19-Jan-2018	Revise
	20-Jan-2018	Class test
	21-Jan-2018	Sunday
4.	22-Jan-2018	Basant Panchami
	23-Jan-2018	Principle of mathematical induction
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day
	27-Jan-2018	do

	28-Jan-2018	Sunday
6.	29-Jan-2018	do
	30-Jan-2018	Problems
	31-Jan-2018	Ravidaas jaynti
	1-Feb-2018	Application of matrices to solution of system of linear equation
	2-Feb-2018	do
	3-Feb-2018	do
	4-Feb-2018	Sunday
7.	5-Feb-2018	do
	6-Feb-2018	Charateristic equation of matrix
	7-Feb-2018	do
	8-Feb-2018	do
	9-Feb-2018	do
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday
8.	12-Feb-2018	do
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Problems and discussion
	15-Feb-2018	Class test
	16-Feb-2018	Group
	17-Feb-2018	do
	18-Feb-2018	Sunday
9.	19-Feb-2018	do
	20-Feb-2018	do
	21-Feb-2018	do
	22-Feb-2018	2nd Assignment
	23-Feb-2018	Revise
	24-Feb-2018	1st Sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Rings
	27-Feb-2018	do
	28-Feb-2018	Holiday
	1-Mar-2018	Guru Ravidash Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	do

	6-Mar-2018	do
	7-Mar-2018	do
	8-Mar-2018	do
	9-Mar-2018	do
	10-Mar-2018	Problems and discussion
	11-Mar-2018	Sunday
12.	12-Mar-2018	Class test
	13-Mar-2018	Fields
	14-Mar-2018	do
	15-Mar-2018	do
	16-Mar-2018	do
	17-Mar-2018	Problems and discussion
	18-Mar-2018	Sunday
13.	19-Mar-2018	Revise
	20-Mar-2018	do
	21-Mar-2018	2nd Sessional
	22-Mar-2018	Ideals
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	do
	25-Mar-2018	Sunday
14.	26-Mar-2018	do
	27-Mar-2018	do
	28-Mar-2018	Problems and discussion
	29-Mar-2018	Mahavir Jayanti
	30-Mar-2018	Revise
	31-Mar-2018	Class test
	1-Apr-2018	Sunday
	2-Apr-2018	Rank of a matrix
	3-Apr-2018	do
	4-Apr-2018	do
	5-Apr-2018	do
	6-Apr-2018	do
	7-Apr-2018	do
	8-Apr-2018	Sunday
16.	9-Apr-2018	do

	10-Apr-2018	Problems and discussion
	11-Apr-2018	Class test
	12-Apr-2018	Revision
	13-Apr-2018	Revision
	14-Apr-2018	Revision
	15-Apr-2018	Sunday
17.	16-Apr-2018	Revision
	17-Apr-2018	Revision
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Revision
	20-Apr-2018	Revision
	21-Apr-2018	Revision
	22-Apr-2018	Sunday
18.	23-Apr-2018	Revision
	24-Apr-2018	Revision
	25-Apr-2018	Revision
	26-Apr-2018	Revision
	27-Apr-2018	Revision
	28-Apr-2018	Revision

Lesson Plan

Name of the Assistant/ Associate Professor: Ankita

Class and Section : B.A. 6th sem

Subject: Dynamics(BM-363)

Week	Date	Topics
1.	1-Jan-2018	Preliminaries
	2-Jan-2018	Preliminaries
	3-Jan-2018	Motion along a plane curve
	4-Jan-2018	Velocity and acceleration along radial
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	Do
	7-Jan-2018	Sunday

2.	8-Jan-2018	Class test
	9-Jan-2018	Tangential and normal directions
	10-Jan-2018	Do
	11-Jan-2018	Question and Queries
	12-Jan-2018	Class test
	13-Jan-2018	Relative motion
	14-Jan-2018	Sunday
3.	15-Jan-2018	Relative velocity and acceleration
	16-Jan-2018	Do
	17-Jan-2018	Do
	18-Jan-2018	Question and Queries
	19-Jan-2018	Class test
	20-Jan-2018	Simple harmonic motion
	21-Jan-2018	Sunday
4.	22-Jan-2018	Basant Panchami
	23-Jan-2018	Do
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day
	27-Jan-2018	Class test
	28-Jan-2018	Sunday
6.	29-Jan-2018	Elastic string
	30-Jan-2018	Do
	31-Jan-2018	Ravidass jayanti
	1-Feb-2018	Class test
	2-Feb-2018	Mass, momentum, and force
	3-Feb-2018	Newton's law of motion
	4-Feb-2018	Sunday
7.	5-Feb-2018	Do
	6-Feb-2018	Work, power, and energy
	7-Feb-2018	Do
	8-Feb-2018	Question and Queries
	9-Feb-2018	Review
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday

8.	12-Feb-2018	Class test
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Definition of conservstion forces and impulsive force
	15-Feb-2018	Do
	16-Feb-2018	Do
	17-Feb-2018	Class test
	18-Feb-2018	Sunday
9.	19-Feb-2018	Motion of a particle on smooth and rough plane curve
	20-Feb-2018	Do
	21-Feb-2018	Do
	22-Feb-2018	2nd Assignment
	23-Feb-2018	Review
	24-Feb-2018	1st Sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Projectile motion of a particle in a plane
	27-Feb-2018	Do
	28-Feb-2018	Holiday
	1-Mar-2018	Guru Ravidass Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	Class test
	6-Mar-2018	Vector angular velocity
	7-Mar-2018	Do
	8-Mar-2018	Do
	9-Mar-2018	Do
	10-Mar-2018	Review
	11-Mar-2018	Sunday
12.	12-Mar-2018	Questions and Queries
	13-Mar-2018	Review
	14-Mar-2018	Review
	15-Mar-2018	Review
	16-Mar-2018	Class test
	17-Mar-2018	General motion of a rigid body
	18-Mar-2018	Sunday
13.	19-Mar-2018	Central orbits
	20-Mar-2018	Do
	21-Mar-2018	2nd Sessional

	22-Mar-2018	Review
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	Questions and Queries
	25-Mar-2018	Sunday
14.	26-Mar-2018	Kepler's law of motion
	27-Mar-2018	Do
	28-Mar-2018	Mahavir jayanti
	29-Mar-2018	Do
	30-Mar-2018	Review
	31-Mar-2018	Class test
	1-Apr-2018	Sunday
	2-Apr-2018	Motion of a particle in three dimensions
	3-Apr-2018	Do
	4-Apr-2018	Do
	5-Apr-2018	Review
	6-Apr-2018	Class test
	7-Apr-2018	Acceleration in term of different coordinate systems
	8-Apr-2018	Sunday
16.	9-Apr-2018	Do
	10-Apr-2018	Do
	11-Apr-2018	Class test
	12-Apr-2018	Review
	13-Apr-2018	Review
	14-Apr-2018	Review
	15-Apr-2018	Sunday
17.	16-Apr-2018	Review
	17-Apr-2018	Review
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Review
	20-Apr-2018	Review
	21-Apr-2018	Review
	22-Apr-2018	Sunday
18.	23-Apr-2018	Review
	24-Apr-2018	Review

	25-Apr-2018	Review
	26-Apr-2018	Review
	27-Apr-2018	Review
	28-Apr-2018	Review

Lesson Plan

Name of the Assistant/ Associate Professor: Ankita

Class and Section : B.A. 2nd semester

Subject: ordinary diff. equation

Week	Date	Topics
1.	1-Jan-2018	Exact diff. equation
	2-Jan-2018	Integrating factor
	3-Jan-2018	Do
	4-Jan-2018	Review
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	Class tst
	7-Jan-2018	Sunday
2.	8-Jan-2018	First order higher degree equation
	9-Jan-2018	Lagrange equation
	10-Jan-2018	Do
	11-Jan-2018	Do
	12-Jan-2018	Review
	13-Jan-2018	Class test
	14-Jan-2018	Sunday
3.	15-Jan-2018	Clairaut's equation
	16-Jan-2018	Do
	17-Jan-2018	Equation reducible to clairaut's form
	18-Jan-2018	Review
	19-Jan-2018	Singular solution
	20-Jan-2018	Do
	21-Jan-2018	Sunday

4.	22-Jan-2018	Basant Panchami
	23-Jan-2018	Class test
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day
	27-Jan-2018	Orthogonal trajectories in polar coordinate
	28-Jan-2018	Sunday
6.	29-Jan-2018	Question and Queries
	30-Jan-2018	Self orthogonal family of curves
		Do
	1-Feb-2018	Linear differential equation
	2-Feb-2018	Do
	3-Feb-2018	Questions and Queries
	4-Feb-2018	Sunday
7.	5-Feb-2018	Class test
	6-Feb-2018	Homogenous linear ordinary diff. equation
	7-Feb-2018	Do
	8-Feb-2018	Review
	9-Feb-2018	Equation reducible to homogenous
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday
8.	12-Feb-2018	Class tests
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Linear diff.equation of second order
	15-Feb-2018	Do
	16-Feb-2018	Reduction to normal form
	17-Feb-2018	Transformation of the equation by changing dependent variable
	18-Feb-2018	Sunday
9.	19-Feb-2018	Do
	20-Feb-2018	By changing independent variable
	21-Feb-2018	Review
	22-Feb-2018	2nd Assignment
	23-Feb-2018	Review
	24-Feb-2018	1st Sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Solution of non homogenous linear diff. equation

	27-Feb-2018	Do
	28-Feb-2018	Holiday
	1-Mar-2018	Guru Ravidash Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	Class test
	6-Mar-2018	Reduction of order of a diff. equation
	7-Mar-2018	Do
	8-Mar-2018	Method of variations of parameters
	9-Mar-2018	Do
	10-Mar-2018	Question and Queries
	11-Mar-2018	Sunday
12.	12-Mar-2018	Class test
	13-Mar-2018	Method of undermined coefficients
	14-Mar-2018	Do
	15-Mar-2018	Ordinary simultaneous diff. equation
	16-Mar-2018	Do
	17-Mar-2018	Do
	18-Mar-2018	Sunday
13.	19-Mar-2018	Do
	20-Mar-2018	Review
	21-Mar-2018	2nd Sessional
	22-Mar-2018	Question and Queries
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	Do
	25-Mar-2018	Sunday
14.	26-Mar-2018	Total differential equations
	27-Mar-2018	Do
	28-Mar-2018	Do
	29-Mar-2018	Mahavir jayanti
	30-Mar-2018	Review
	31-Mar-2018	Review
	1-Apr-2018	Sunday
	2-Apr-2018	Review
	3-Apr-2018	Class test

	4-Apr-2018	Class tests
	5-Apr-2018	Problems of exact diff. equation
	6-Apr-2018	Problems of orthogonal
	7-Apr-2018	Problems of homogenous
	8-Apr-2018	Sunday
16.	9-Apr-2018	Review
	10-Apr-2018	Review
	11-Apr-2018	Review
	12-Apr-2018	Review
	13-Apr-2018	Review
	14-Apr-2018	Review
	15-Apr-2018	Sunday
17.	16-Apr-2018	Review
	17-Apr-2018	Review
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Review
	20-Apr-2018	Review
	21-Apr-2018	Review
	22-Apr-2018	Sunday
18.	23-Apr-2018	Review
	24-Apr-2018	Review
	25-Apr-2018	Review
	26-Apr-2018	Review
	27-Apr-2018	Review
	28-Apr-2018	Review

Lesson Plan

Name of the Assistant/ Associate Professor: Ankita

Class and Section : B.C.A. 2nd sem

Subject: Elements of mathematical foundations

Week	Date	Topics
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1.	1-Jan-2018	Preliminaries
	2-Jan-2018	do
	3-Jan-2018	do
	4-Jan-2018	Logical statement and truth table
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	do
	7-Jan-2018	Sunday
2.	8-Jan-2018	do
	9-Jan-2018	do
	10-Jan-2018	do
	11-Jan-2018	do
	12-Jan-2018	Problems and discussion
	13-Jan-2018	Principle of mathematical induction
	14-Jan-2018	Sunday
3.	15-Jan-2018	Do
	16-Jan-2018	Do
	17-Jan-2018	Do
	18-Jan-2018	Problems and discussion
	19-Jan-2018	Revise
	20-Jan-2018	Class test
	21-Jan-2018	Sunday
4.	22-Jan-2018	Basant Panchami
	23-Jan-2018	Principle of mathematical induction
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day
	27-Jan-2018	Do
	28-Jan-2018	Sunday
6.	29-Jan-2018	Do
	30-Jan-2018	Problems
	31-Jan-2018	Ravidaas jaynti
	1-Feb-2018	Application of matrices to solution of system of linear equation
	2-Feb-2018	Do
	3-Feb-2018	Do

	4-Feb-2018	Sunday
7.	5-Feb-2018	Do
	6-Feb-2018	Charateristic equation of matrix
	7-Feb-2018	Do
	8-Feb-2018	Do
	9-Feb-2018	Do
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday
8.	12-Feb-2018	Do
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Problems and discussion
	15-Feb-2018	Class test
	16-Feb-2018	Group
	17-Feb-2018	Do
	18-Feb-2018	Sunday
9.	19-Feb-2018	Do
	20-Feb-2018	Do
	21-Feb-2018	Do
	22-Feb-2018	2nd Assignment
	23-Feb-2018	Revise
	24-Feb-2018	1st Sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Rings
	27-Feb-2018	Do
	28-Feb-2018	Holiday
	1-Mar-2018	Guru Ravidash Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	do
	6-Mar-2018	Do
	7-Mar-2018	Do
	8-Mar-2018	Do
	9-Mar-2018	Do
	10-Mar-2018	Problems and discussion
	11-Mar-2018	Sunday
12.	12-Mar-2018	Class test
	13-Mar-2018	Fields

	14-Mar-2018	Do
	15-Mar-2018	Do
	16-Mar-2018	Do
	17-Mar-2018	Problems and discussion
	18-Mar-2018	Sunday
13.	19-Mar-2018	Revise
	20-Mar-2018	Do
	21-Mar-2018	2nd Sessional
	22-Mar-2018	Ideals
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	Do
	25-Mar-2018	Sunday
14.	26-Mar-2018	Do
	27-Mar-2018	Do
	28-Mar-2018	Problems and discussion
	29-Mar-2018	Mahavir Jayanti
	30-Mar-2018	Revise
	31-Mar-2018	Class test
	1-Apr-2018	Sunday
	2-Apr-2018	Rank of a matrix
	3-Apr-2018	Do
	4-Apr-2018	Do
	5-Apr-2018	Do
	6-Apr-2018	Do
	7-Apr-2018	Do
	8-Apr-2018	Sunday
16.	9-Apr-2018	do
	10-Apr-2018	Problems and discussion
	11-Apr-2018	Class test
	12-Apr-2018	Revision
	13-Apr-2018	Revision
	14-Apr-2018	Revision
	15-Apr-2018	Sunday
17.	16-Apr-2018	Revision

	17-Apr-2018	Revision
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Revision
	20-Apr-2018	Revision
	21-Apr-2018	Revision
	22-Apr-2018	Sunday
18.	23-Apr-2018	Revision
	24-Apr-2018	Revision
	25-Apr-2018	Revision
	26-Apr-2018	Revision
	27-Apr-2018	Revision
	28-Apr-2018	Revision

Name of the Assistant/ Associate Professor: Ankita

Class and Section : B.A 4th semester

Subject: Special function & Laplace transformation

Week	Date	Topics
1.	1-Jan-2018	Power series method
	2-Jan-2018	Do
	3-Jan-2018	Do
	4-Jan-2018	Do
	5-Jan-2018	Guru Gobind Singh Jayanti
	6-Jan-2018	Beta and gamma functions
	7-Jan-2018	Sunday
2.	8-Jan-2018	Bessel functions
	9-Jan-2018	Do
	10-Jan-2018	Do
	11-Jan-2018	Do
	12-Jan-2018	Recurrence formulas
	13-Jan-2018	Do
	14-Jan-2018	Sunday
3.	15-Jan-2018	Do
	16-Jan-2018	Orthogonality of Bessel function

	17-Jan-2018	Do
	18-Jan-2018	Do
	19-Jan-2018	Do
	20-Jan-2018	Questions and Queries
	21-Jan-2018	Sunday
4.	22-Jan-2018	Basant Panchami
	23-Jan-2018	Class test
	24-Jan-2018	Sir Chhotu Ram Jyanti
	25-Jan-2018	1st Assignment
	26-Jan-2018	Republic Day
	27-Jan-2018	Legendre and hermite differential equations
	28-Jan-2018	Sunday
6.	29-Jan-2018	Do
	30-Jan-2018	Legendre and hermite functions & their properties
	31-Jan-2018	Guru ravidas jayanti
	1-Feb-2018	Do
	2-Feb-2018	Do
	3-Feb-2018	Do
	4-Feb-2018	Sunday
7.	5-Feb-2018	Class test
	6-Feb-2018	Recurrence relation and generating function ;orthogonality
	7-Feb-2018	Do
	8-Feb-2018	Do
	9-Feb-2018	Do
	10-Feb-2018	Maharshi Dayanand Saraswati Jyanti
	11-Feb-2018	Sunday
8.	12-Feb-2018	Class test
	13-Feb-2018	Maha Shivratri
	14-Feb-2018	Rodrigue formula
	15-Feb-2018	Do
	16-Feb-2018	Do
	17-Feb-2018	Problems and discussions
	18-Feb-2018	Sunday
9.	19-Feb-2018	Do
	20-Feb-2018	Laplace integral representation of legendre polynomial
	21-Feb-2018	Do

	22-Feb-2018	2nd Assignment
	23-Feb-2018	Laplace transforms- Existence theorem, shifting theorem
	24-Feb-2018	1st Sessional
	25-Feb-2018	Sunday
10.	26-Feb-2018	Laplace transforms of derivatives and integrals
	27-Feb-2018	Differentiation and integration of laplace transforms
	28-Feb-2018	Holiday
	1-Mar-2018	Guru Ravidash Birthday
	2-Mar-2018	Holi
	3-Mar-2018	Holiday
	4-Mar-2018	Sunday
11.	5-Mar-2018	Do
	6-Mar-2018	Class test
	7-Mar-2018	Convolution theorem, inverse laplace transforms
	8-Mar-2018	Do
	9-Mar-2018	Do
	10-Mar-2018	Problems and discussions
	11-Mar-2018	Sunday
12.	12-Mar-2018	Inverse laplace transforms of derivatives & integrals
	13-Mar-2018	Do
	14-Mar-2018	Do
	15-Mar-2018	Do
	16-Mar-2018	Solution of ordinary differential equation using laplace transforms
	17-Mar-2018	Do
	18-Mar-2018	Sunday
13.	19-Mar-2018	Do
	20-Mar-2018	Do
	21-Mar-2018	2nd Sessional
	22-Mar-2018	Do
	23-Mar-2018	Shaheedi Diwas of Bhagat Singh, Rajguru, & Sukhdev
	24-Mar-2018	Fourier transforms, linearity property, shifting
	25-Mar-2018	Sunday
14.	26-Mar-2018	Modulation convolution theorem
	27-Mar-2018	Fourier transforms of derivatives
	28-Mar-2018	Do
	29-Mar-2018	Mahavir jayanti

	30-Mar-2018	Do
	31-Mar-2018	Do
	1-Apr-2018	Sunday
	2-Apr-2018	Relation between fourier transforms and laplace transforms
	3-Apr-2018	Do
	4-Apr-2018	Do
	5-Apr-2018	Problems and discussions
	6-Apr-2018	Parseval's identity for fourier transform
	7-Apr-2018	Do
	8-Apr-2018	Sunday
16.	9-Apr-2018	Solution of differential equation
	10-Apr-2018	Do
	11-Apr-2018	Revision
	12-Apr-2018	Do
	13-Apr-2018	Do
	14-Apr-2018	
	15-Apr-2018	Sunday
17.	16-Apr-2018	Do
	17-Apr-2018	Do
	18-Apr-2018	Parashurama Jyanti
	19-Apr-2018	Do
	20-Apr-2018	Do
	21-Apr-2018	Do
	22-Apr-2018	Sunday
18.	23-Apr-2018	Do
	24-Apr-2018	Do
	25-Apr-2018	Do
	26-Apr-2018	Do
	27-Apr-2018	Do
	28-Apr-2018	Do

